

What is claimed is:

1 1. A wireless terminal for communicating pictures via a  
2 wireless communication system, the wireless terminal comprising:

3 A) a clip-art picture manager for managing clip-art pictures  
4 including maintaining the clip-art pictures in galleries, each  
5 gallery including a plurality of clip-art pictures and each  
6 gallery of a size suitable for communication as a single  
7 wireless message, and for providing at least one clip-art  
8 picture from at least one of the galleries;

9 B) a gallery folder, for storing the galleries of clip-art  
10 pictures in a memory device of the wireless terminal;

11 C) a transceiver, for receiving and sending a message including  
12 at least one clip-art picture;

13 D) a display screen for displaying clip-art pictures; and

14 E) keys including keys of a numeric keypad as well as soft  
15 keys.

16 2. A wireless terminal as in claim 1, wherein the clip-art  
17 picture manager in turn comprises:

18 a) a gallery selector, for enabling a user to view galleries in  
19 a gallery folder, to select a gallery from the gallery folder,  
20 and to save a gallery in the gallery folder;

21 b) a clip-art picture editor, for enabling a user to edit a  
22 clip-art picture in a gallery, and to create a new clip-art  
23 picture to be included in a gallery;

24 c) a gallery communicator, for selecting a gallery from the  
25 galleries in the gallery folder via the gallery selector, and

11 for providing the selected gallery in a format suitable for  
12 transmission by the transceiver.

1 3. A wireless terminal as in claim 1, further comprising a  
2 graphic message handler, for enabling a user to create a text  
3 message with at least one clip-art picture and including  
4 information indicating where in the text the clip-art picture is  
5 intended to be located, thereby providing an in-line graphics  
6 message.

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1 4. A wireless terminal as in claim 1, wherein the transceiver  
2 includes an automatic recognition module, for determining  
3 whether or not a received message includes a clip-art picture.

1 5. A wireless terminal as in claim 4, wherein the automatic  
2 recognition module further distinguishes between an in-line  
3 graphics message and a message consisting of a gallery of clip-  
4 art.

1 6. A wireless terminal as in claim 2, wherein the picture  
2 editor of the wireless terminal communicates with a picture  
3 editor of another wireless terminal so as to allow the user of  
4 the other wireless terminal to participate in drawing a clip-art  
5 picture being created on the wireless terminal, thereby allowing  
6 group drawing of clip-art pictures.

1 7. A wireless terminal as in claim 2, wherein the picture  
2 editor provides an interface in which a user uses keys of the  
3 numeric keypad of the wireless terminal to draw or edit a clip-  
4 art picture, the interface providing a virtual pen in that the  
5 numeric keys of the keypad move a cursor about on the display  
6 screen of the wireless terminal, and, based on a pen state a

7 user is able indicate to the picture editor interface, in moving  
8 the cursor from one point on the display screen to another,  
9 either a solid line results, a dashed line, a white line, or no  
10 line at all.

1 8. A wireless terminal as in claim 2, wherein the picture  
2 editor provides an interface through which a user is able to add  
3 features to an existing clip-art picture, invert an existing  
4 clip-art picture, or mirror an existing clip-art picture.

1 9. A wireless terminal for communicating pictures via a  
2 wireless communication system, the wireless terminal comprising:

- 3 a) a picture manager, for managing pictures including  
4 maintaining the pictures in a memory device of the wireless  
5 terminal, the picture manager in turn including a picture  
6 editor, for enabling a user to edit an existing picture or  
7 create a new picture;
- 8 b) a transceiver, for receiving and sending a message including  
9 at least one picture;
- 10 c) a display screen for displaying pictures; and
- 11 d) keys including keys of a numeric keypad as well as soft  
12 keys.

1 10. The wireless terminal of claim 9, wherein the picture  
2 editor of the wireless terminal communicates with a picture  
3 editor of another wireless terminal so as to allow the user of  
4 the other wireless terminal to participate in drawing a picture  
5 being created on the wireless terminal, thereby allowing group  
6 drawing of pictures.

1 11. The wireless terminal of claim 9, wherein the picture

2 editor provides an interface in which a user uses keys of the  
3 numeric keypad of the wireless terminal to draw or edit a  
4 picture, the interface providing a virtual pen in that the  
5 numeric keys of the keypad move a cursor about on the display  
6 screen of the wireless terminal, and, based on a pen state a  
7 user is able indicate to the picture editor interface, in moving  
8 the cursor from one point on the display screen to another,  
9 either a solid line results, a dashed line, a white line, or no  
line at all.

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12 12. The wireless terminal of claim 9, wherein the picture  
2 editor provides an interface through which a user is able to add  
3 features to an existing picture, invert an existing picture, or  
4 mirror an existing picture.

13 13. A method for use by a wireless terminal in communicating  
2 pictures via a wireless communication system, the method  
3 comprising the steps of:

4 a) providing for storing galleries of clip-art pictures in a  
5 memory device of the wireless terminal, each gallery including at  
6 least two clip-art pictures, each gallery of a size suitable for  
7 communication as a single wireless message;

8 b) managing clip-art pictures including maintaining clip-art  
9 pictures in galleries, and providing an interface using a numeric  
10 keypad and soft keys and a display screen by which a user is able  
11 to view and edit an existing clip-art picture in a gallery or  
12 create a new clip-art picture; and

13 c) receiving and sending a message including at least one clip-  
14 art picture.

1 14. A method as in claim 13, wherein in respect to managing

2 clip-art pictures, the method further comprises the steps of:  
3 a) enabling a user to view galleries in a gallery folder, to  
4 select a gallery from the gallery folder, and to save a gallery  
5 in the gallery folder;  
6 b) enabling a user to select a gallery from the galleries in  
7 the gallery folder; and  
8 c) providing the selected gallery in a format suitable for  
9 transmission.

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15. A method as in claim 13, further comprising the step of  
2 enabling a user to create a text message, with at least one clip-  
3 art picture and including information indicating where in the  
4 text the clip-art picture is intended to be located, thereby  
5 providing an in-line graphics message.

16. A method as in claim 13, further comprising the step of  
2 automatically recognizing whether or not a received message  
3 includes a clip-art picture.

17. A method as in claim 16, wherein the automatic recognition  
2 further distinguishes between an in-line graphics message and a  
3 message consisting of a gallery of clip-art.

18. A method as in claim 14, further comprising the step of  
2 enabling a user of another wireless terminal communicate with  
3 the wireless terminal during the editing or creating of a clip-  
4 art picture and to allow the user of the other wireless terminal  
5 to participate in drawing the clip-art picture being created on  
6 the wireless terminal, thereby allowing group drawing of clip-  
7 art pictures.

1       19. A method as in claim 14, wherein the interface is such that  
2 a user uses keys of the numeric keypad of the wireless terminal  
3 to draw or edit a clip-art picture, and provides a virtual pen  
4 in that the numeric keys of the keypad move a cursor about on  
5 the display screen of the wireless terminal, and, based on a pen  
6 state expressed by the user through the user interface, in  
7 moving the cursor from one point on the display screen to  
8 another, either a solid line results, a dashed line, a white  
line, or no line at all.

1       20. A method as in claim 14, wherein the interface is such that  
2 a user is able to add features to an existing clip-art picture,  
3 invert an existing clip-art picture, or mirror an existing clip-  
4 art picture.

1       21. A method for communicating pictures using a wireless  
2 terminal via a wireless communication system, the method  
3 comprising the steps of:

4       a) providing a picture manager, for managing pictures including  
5 maintaining the pictures in a memory device of the wireless  
6 terminal, the picture manager in turn including a picture  
7 editor, for enabling a user to edit an existing picture or  
8 create a new picture;

9       b) providing a transceiver, for receiving and sending a message  
10 including at least one picture;

11      c) providing a display screen for displaying pictures; and

12      d) providing keys including keys of a numeric keypad as well as  
13 soft keys.

1       22. The method of claim 21, wherein the picture editor of the

2 wireless terminal communicates with a picture editor of another  
3 wireless terminal so as to allow the user of the other wireless  
4 terminal to participate in drawing a picture being created on  
5 the wireless terminal, thereby allowing group drawing of  
6 pictures.

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2 23. The method of claim 21, wherein the picture editor provides  
3 an interface in which a user uses keys of the numeric keypad of  
4 the wireless terminal to draw or edit a picture, the interface  
5 providing a virtual pen in that the numeric keys of the keypad  
6 move a cursor about on the display screen of the wireless  
7 terminal, and, based on a pen state a user is able indicate to  
8 the picture editor interface, in moving the cursor from one  
9 point on the display screen to another, either a solid line  
results, a dashed line, a white line, or no line at all.

10  
11 24. The method of claim 21, wherein the picture editor provides  
12 an interface through which a user is able to add features to an  
13 existing picture, invert an existing picture, or mirror an  
14 existing picture.